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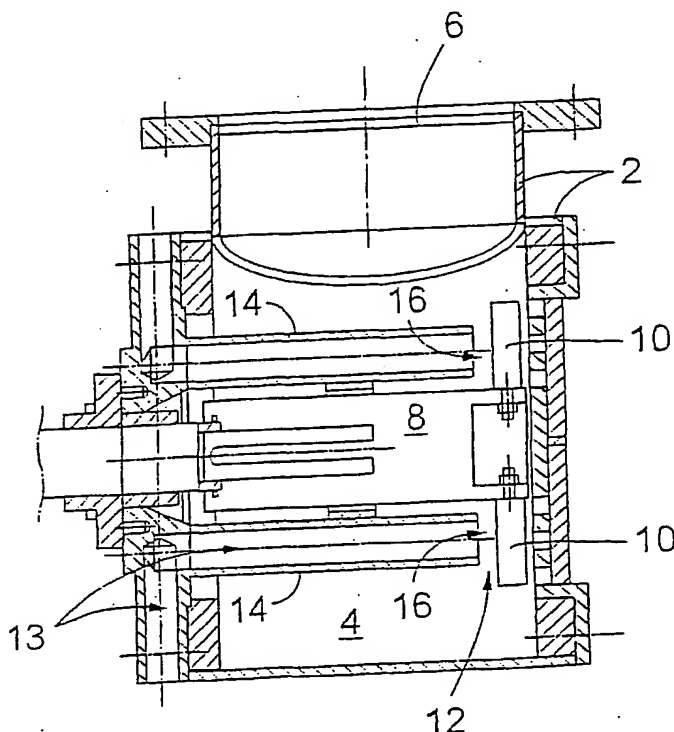
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(54) Title: APPARATUS FOR MIXING



(57) **Abstract:** The present invention relates to an apparatus for mixing of a chemical medium in gaseous or liquid state with a pulp suspension. The apparatus comprises a housing having a wall (2) that defines a mixing chamber (4), a first feeder (6) for feeding the pulp suspension to the mixing chamber, a rotor shaft (8, 104, 204, 300, 406, 502), that extends in the mixing chamber, a drive device for rotation of the rotor shaft, a rotor body (10, 200, 407, 504), that is connected to the rotor shaft and arranged to supply kinetic energy to the pulp suspension flow, during rotation of the rotor shaft by the rotation of the drive device, such that turbulence is produced in a turbulent flow zone (12) in the mixing chamber, a second feeder (13) for feeding of the chemical medium to the mixing chamber, and an outlet for discharging the mixture of chemical medium and pulp suspension from the mixing chamber.

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